

Title (en)

APPARATUS AND METHOD FOR CONSTITUTING CONTROL INFORMATION FOR A MULTI-CAST BROADCAST SERVICE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER STEUERUNGSGEINFORMATION FÜR EINEN MULTICAST-RUNDFUNKDIENST

Title (fr)

APPAREIL ET PROCÉDÉ DE CONSTITUTION D'INFORMATIONS DE COMMANDE POUR UN SERVICE DE DIFFUSION/MULTIDIFFUSION

Publication

EP 3240342 A3 20180124 (EN)

Application

EP 17171332 A 20101013

Priority

- KR 20090097191 A 20091013
- KR 20090101719 A 20091026
- KR 20090103408 A 20091029
- EP 10823601 A 20101013

Abstract (en)

[origin: WO2011046362A2] The present invention relates to an apparatus and a method for constituting control information for at least one subframe allocation pattern for a multi-cast broadcast service. The method compares periods of radio frame units for each of subframe allocation patterns, sets up a unit period in which at least one subframe allocation pattern is repeated, and sets up control information containing subframe information allocated for a multi-cast broadcast service in the unit period set in the previous step. The method of the present invention enables, for example, efficient separation of MBSFN subframe for an MBMS from other MBSFN subframes.

IPC 8 full level

H04W 72/00 (2009.01); **H04W 64/00** (2009.01); **H04W 72/04** (2009.01); **H04W 76/00** (2018.01); **H04W 88/04** (2009.01)

CPC (source: EP KR US)

H04L 5/0044 (2013.01 - KR); **H04W 4/06** (2013.01 - KR); **H04W 72/12** (2013.01 - US); **H04W 72/1273** (2013.01 - KR US);
H04W 72/20 (2023.01 - US); **H04W 72/23** (2023.01 - KR US); **H04W 72/30** (2023.01 - EP KR US); **H04W 72/23** (2023.01 - EP);
H04W 76/40 (2018.02 - EP US); **H04W 88/04** (2013.01 - EP US)

Citation (search report)

[T] "Further eMBMS control plane details", 3GPP DRAFT; R2-093833 FURTHER REL-9 EMBMS CP ISSUES, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Los Angeles, USA; 20090622, 22 June 2009 (2009-06-22), XP050352048

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011046362 A2 20110421; WO 2011046362 A3 20110901; CN 102687479 A 20120919; CN 102687479 B 20151125;
EP 2490392 A2 20120822; EP 3240342 A2 20171101; EP 3240342 A3 20180124; JP 2013507875 A 20130304; JP 5599891 B2 20141001;
KR 101468148 B1 20141205; KR 20110040712 A 20110420; US 2012263092 A1 20121018; US 8879489 B2 20141104

DOCDB simple family (application)

KR 2010006996 W 20101013; CN 201080056473 A 20101013; EP 10823601 A 20101013; EP 17171332 A 20101013;
JP 2012534108 A 20101013; KR 20100099593 A 20101013; US 201013501862 A 20101013